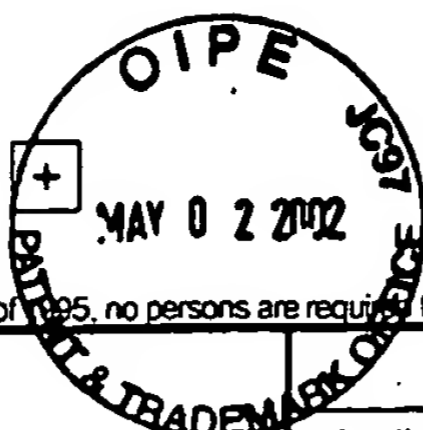


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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/888,261
		Filing Date	06/21/2001
		First Named Inventor	NIKOLSKIY, SERGEY
		Group Art Unit	3732
		Examiner Name	Unassigned
Sheet 1 of	Attorney Docket Number	018563-003410US	

U.S. PATENT DOCUMENTS						
Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
ayal	AA	4,793,803		Martz	12/1988	
ayal	AB	5,338,198		Wu et al.	08/1994	
ayal	AC	5,590,248-A		Zarge et al.	12/1996	
ayal	AD	5,605,459		Kuroda et al.	02/1997	
ayal	AE	5,607,305-A		Andersson	03/1997	
ayal	AF	5,882,192-A		Bergersen	03/1999	
ayal	AG	6,015,289-A		Andreiko et al.	01/2000	
ayal	AH	6,044,170-A		Migdal et al.	03/2000	
ayal	AI	6,044,309-A		Honda	03/2000	
ayal	AJ	6,049,743-A		Baba	04/2000	
ayal	AK	6,205,243B1		Migdal	03/2001	
ayal	AL	6,217,334		Hultgren	04/2001	
ayal	AM	6,227,850B1		Chishti et al.	05/2001	

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FOREIGN PATENT DOCUMENTS							
Examiner Initials *	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office ³	Number ³	Kind Code ⁵ (if known)			
ayal	AN	PCT	WO98/32394	A1	Hultgren	07/1998	

Examiner Signature

ayal Sharon

Date Considered

12/20/04

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¹ Unique citation designation number ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	09/888,261
Filing Date	06/21/2001
First Named Inventor	NIKOLSKIY, SERGEY
Group Art Unit	3732
Examiner Name	Unassigned
Attorney Docket Number	018563-003410US

Sheet 2 of

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
Ayul	AO	Bohm, W. Farin, G., Kahmann, J., "A Survey of Curve and Surface Methods in CAGD," Computer Aided Geometric Design 1 (1984) pp. 1-60.	
Ayul	AP	Doyle, "Digital Dentistry" Computer Graphics World (October 2000) pp. 50-52, 54.	
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Ayul	AT	Watt et al., "Advanced Animation and Rendering Techniques Theory and Practice," Addison-Wesley Publishing Co., pp. 101-110.	

Examiner Signature	Ayul Sharon	Date Considered	12/20/05
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Substitute for form 1448A/RP

**INFORMATION DISCLOSURE
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Sheet

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of

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Complete if Known

Application Number	09/888,261
Filing Date	June 21, 2001
First Named Inventor	NIKOLSKIY, SERGEY
Art Unit	3732
Examiner Name	Unassigned
Attorney Docket Number	018563-003410US

U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
Ayal	AA	2,467,432	04-19-1949	Kesling	
Ayal	AB	3,660,900	05-09-1972	Andrews	
Ayal	AC	3,860,803	01-14-1975	Levine	
Ayal	AD	3,916,526	11-04-1975	Schudy	
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Ayal	AF	4,014,096	03-29-1977	Dellinger	
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Ayal	AH	4,324,546	04-13-1982	Heitlinger et al.	
Ayal	AI	4,348,178	09-07-1982	Kurz	
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Ayal	AM	4,575,805	03-11-1986	Moermann, et al.	
Ayal	AN	4,611,288	09-09-1986	Duret et al.	
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Ayal	BC	5,011,405	04-30-1991	Lemchen	
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Ayal	BE	5,027,281	06-25-1991	Rekow et al.	
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Ayal	BI	5,100,316	03-31-1992	Wildman	
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Ayal	BK	5,128,870	07-07-1992	Erdman et al.	
Ayal	BL	5,131,843	07-21-1992	Hilgers et al.	
Ayal	BM	5,131,844	07-21-1992	Marinaccio et al.	
Ayal	BN	5,139,419	08-18-1992	Andreiko et al.	
Ayal	BO	5,184,306	02-02-1993	Erdman et al.	

Examiner Signature	Ayal Shuron	Date Considered	12/20/04
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Substitute for form 1449A/PTO		Complete if Known			
		Application Number	09/888,261		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Filing Date	June 21, 2001		
		First Named Inventor	NIKOLSKIY, SERGEY		
		Art Unit	3732		
		Examiner Name	Unassigned		
Sheet	2	of	10	Attorney Docket Number	018563-003410US

U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (if known)			
ajl	BP	5,186,623	02-16-1993	Breads et al.	
ajl	BQ	5,257,203	10-26-1993	Riley et al.	
ajl	BR	5,273,429	12-28-1993	Rekow et al.	
ajl	BS	5,278,756	01-11-1994	Lemchen et al.	
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ajl	BV	5,342,202	08-23-1994	Deshayes	
ajl	BW	5,368,478	11-29-1994	Andreiko et al.	
ajl	BX	5,382,164	01-17-1995	Stern	
ajl	BY	5,395,238	03-07-1995	Andreiko et al.	
ajl	BZ	5,431,562	11-11-1995	Andreiko et al.	
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ajl	CB	5,447,432	09-05-1995	Andersson et al.	
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ajl	CL	5,605,459	02-25-1997	Kuroda et al.	
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ajl	CR	5,740,267	04-14-1998	Echerer et al.	
ajl	CS	5,975,893	11-02-1999	Chishtu et al.	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
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ajl	CT	EP	091,876	A1	10-19-1983	Duret		<input type="checkbox"/>
ajl	CU	EP	299,490	A2	01-18-1989	Steinbichler et al.		<input type="checkbox"/>
ajl	CV	EP	376,873	A2	07-04-1990	Shafir		<input type="checkbox"/>
ajl	CW	EP	490,848	B1	06-17-1992	Andersson et al.		<input type="checkbox"/>
ajl	CX	EP	541,500	A1	06-12-1998	Andersson et al.		<input type="checkbox"/>

Examiner Signature	<i>Aysel Shavron</i>	Date Considered	02/20/04
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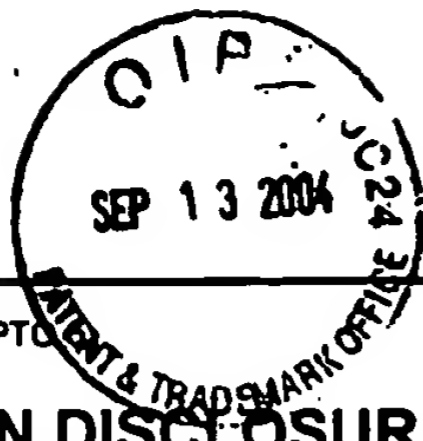
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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete If Known	
				Application Number	09/888,261
				Filing Date	June 21, 2001
				First Named Inventor	NIKOLSKIY, SERGEY
				Art Unit	3732
				Examiner Name	Unassigned
Sheet	3	of	10	Attorney Docket Number	018563-003410US

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
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<i>Appl</i>	DA	FR	2,652,256	A1	03-29-1991	Jourda		<input type="checkbox"/>
<i>Appl</i>	DB	FR	2,369,828	A1	06-02-1978	Suyehiro		<input type="checkbox"/>
<i>Appl</i>	DC	WO	90/08,512	A1	08-09-1990	Lemcren		<input type="checkbox"/>
<i>Appl</i>	DD	WO	91/04,713	A1	04-18-1991	Jourda et al.		<input type="checkbox"/>
<i>Appl</i>	DE	WO	94/10,935	A1	05-26-1994	Andreiko et al.		<input type="checkbox"/>
<i>Appl</i>	DF	WO	98/44,865	A1	10-15-1998	Andersson		<input type="checkbox"/>
<i>Appl</i>	DG	WO	98/58,596	A1	12-30-1998	Chishti et al.		<input type="checkbox"/>

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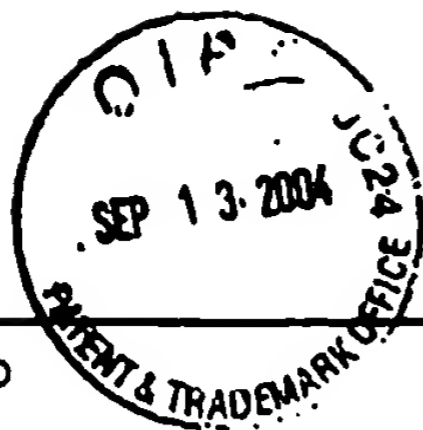
Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete If Known	
				Application Number	09/888,261
				Filing Date	June 21, 2004
				First Named Inventor	NIKOLSKIY, SERGEY
				Art Unit	3732
				Examiner Name	Unassigned
Sheet	4	of	10	Attorney Docket Number	018563-003410US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
Ayyl	DH	ALEXANDER et al., "The DigiGraph Work Station Part 2, Clinical Management," JCO (July 1990), pp. 402-407.	
Ayyl	DI	ALTSCHULER et al., "Laser Electro-Optic System for Rapid Three-Dimensional (3D) Topographic Mapping of Surfaces," Optical Engineering, Vol. 20(6) (1981), pp. 953-961.	
Ayyl	DJ	ALTSCHULER et al., "Measuring Surfaces Space-Coded by a Laser-Projected Dot Matrix," SPIE Imaging Applications for Automated Industrial Inspection and Assembly, vol. 182 (1979), p. 187-191.	
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Ayyl	DL	ALTSCHULER, "3D Mapping of Maxillo-Facial Prosthesis," AADR Abstract #607, 1980, 2 pages total..	
Ayyl	DM	American Association for Dental Research, Summary of Activities, March 20-23, 1980, Los Angeles, CA, p. 195.	
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Ayyl	DO	BAUMRIND et al., "A stereophotogrammetric system for the detection of prosthesis loosening in total hip arthroplasty, Applications of Human Biostereometrics (NATO)," Proceedings of the Society of Photo-Optical Instrumentation Engineers, Vol. 166, July 9-13, 1978, pp. 112-123.	
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Ayyl	DW	BIGGERSTAFF et al., "Computerized analysis of occlusion in the postcanine dentition," American Journal of Orthodontics, Vol. 61, No. 3 (Mar. 1972), pp. 245-254.	

Examiner Signature	Ayyl Shwron	Date Considered	12/20/04
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				First Named Inventor	NIKOLSKIY, SERGEY
				Art Unit	3732
				Examiner Name	Unassigned
Sheet	5	of	10	Attorney Docket Number	018563-003410US

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Appl	DX	BIGGERSTAFF, "Computerized Diagnostic Setups and Simulations," <i>The Angle Orthodontist</i> , Vol. 40, No. 1 (Jan. 1970), pp. 28-36.	
Appl	DY	BRANDESTINI et al., "Computer Machined Ceramic Inlays: In Vitro Marginal Adaptation," <i>Journal of Dental Research</i> , Vol. 64/Special Issue/Abstracts, IADR/AADR Abstracts 1985, 1 page total.	
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Appl	EA	BURSTONE (interview), "Dr. Charles J. Burstone on The Uses of the Computer in Orthodontic Practice (Parts 1 and 2)," <i>Journal of Clinical Orthodontics</i> , (Part 1) Vol. 8, No. 7, July 1979; (Part 2) Vol. 8, No. 8 pp. 539-551, Aug. 1979.	
Appl	EB	BURSTONE et al., "Precision adjustment of the transpalatal lingual arch: Computer arch form predetermination," <i>Am. Journal of Orthodontics</i> , Vol. 79, No. 2 (Feb. 1981), pp. 115-133.	
Appl	EC	CHACONAS et al., "The DigiGraph Work Station, Part 1, Basic Concepts," <i>JCO</i> (June 1990), pp. 360-367.	
Appl	ED	CHAFETZ et al., "Subsidence of the Femoral Prosthesis, A Stereophotogrammetric Evaluation," <i>Clinical Orthopaedics and Related Research</i> , No. 201 (December 1985), pp. 60-67.	
Appl	EE	CHIAPPONE, "Constructing the gnathologic setup and positioner" <i>J. Clin. Orthod.</i> , 14:121-133, 1980.	
Appl	EF	COTTINGHAM, "Gnathologic clear plastic positioner" <i>Am. J. Orthod.</i> , 55:23-31, 1969.	
Appl	EG	CRAWFORD, "Computers in Dentistry: Part 1: CAD/CAM: The Computer Moves Chairside," "Part 2: F. Duret — A Man With A Vision," "Part 3: The Computer Gives New Vision- Literally," "Part 4: Bytes 'N Bites" The Computer Moves From The Front Desk To The Operatory, <i>Canadian Dental Journal</i> , vol. 54(9), (1988), pp. 661-666.	
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Appl	EI	CROOKS, "CAD/CAM Comes to USC," <i>USC Dentistry</i> , (Spring 1990) pp. 14-17.	
Appl	EJ	CURETON, "Correcting malaligned mandibular incisors with removable retainers" <i>J. Clin. Orthod.</i> , 30:390-395, 1996.	
Appl	EK	CURRY et al., "Integrated Three-Dimensional Craniofacial Mapping at the Craniofacial Research Instrumentation Laboratory/University of the Pacific," <i>Seminars in Orthodontics</i> , Vol. 7, No. 4 (Dec. 2001), pp. 258-265.	
Appl	EL	CUTTING et al., "Three-Dimensional Computer-Assisted Design of Craniofacial Surgical Procedures: Optimization and Interaction with Cephalometric and CT-Based Models," <i>Plastic and Reconstructive Surgery</i> , Vol. 77, No. 6 (June 1986), pp. 877-885.	
Appl	EM	DCS Dental AG, "The CAD/CAM 'DCS Titan System' for Production of Crowns/Bridges" <i>DSC Production AG</i> , Jan. 1992, pp. 1-7.	

Examiner Signature	Appl Sherson	Date Considered	12/20/04
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PTO/SB/08B (08-03)

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				First Named Inventor	NIKOLSKIY, SERGEY
				Art Unit	3732
				Examiner Name	Unassigned
Sheet	6	of	10	Attorney Docket Number	018563-003410US

NON PATENT LITERATURE DOCUMENTS			
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Aysel	EN	DEFRANCO et al., "Three-Dimensional Large Displacement Analysis of Orthodontic Appliances," <i>J. Biomechanics</i> , Vol. 9 (1976), pp. 793-801.	
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Examiner Signature	Aysel Shwron	Date Considered	12/20/04
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PTO/SB/08B (08-03)

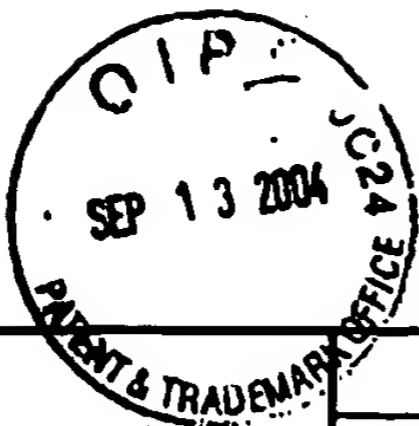
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Aysel	FD	HOFFMANN et al., "Role of Cephalometry for Planning of Jaw Orthopedics and Jaw Surgery Procedures," (Article Summary in English, article in German), <i>Informationen</i> , (March 1991), pp. 375-396.	
Aysel	FE	HUCKINS, "CAD-CAM Generated Mandibular Model Prototype from MRI Data," <i>AAOMS</i> 1999, p. 96.	
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ayul	FU	MCNAMARA et al., "Invisible Retainers", <i>J. Clinical Orthodontics</i> , (August 1985) pp. 570-578.	
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ayul	GH	REKOW, "Computer-Aided Design and Manufacturing in Dentistry: A Review of the State of the Art," <i>The Journal of Prosthetic Dentistry</i> , Vol. 58, No. 4 (Oct. 1987), pp. 512-516.	
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Aysel	GT	STOLL et al., "Computer-aided Technologies in Dentistry" (Article Summary in English, article in German), <i>Dtsch Zahnärztl Z</i> 45, 314-322, 1990.	
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Aysel	GV	U.S. Department of Commerce, National Technical Information Service, "Holodontology: An Introduction to Dental Laser Holography," School of Aerospace Medicine Brooks AFB Tex, March 1973, 37 pages total.	
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Aysel	GX	VAN DER LINDEN et al., Three-Dimensional Analysis of Dental Casts by Means of the Optocom," <i>J Dent Res</i> , July-August 1972, p. 1101.	
Aysel	GY	VAN DER LINDEN, "A New Method to Determine Tooth Positions and Dental Arch Dimensions," July-August 1972, p. 1104.	

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Aysel	GZ	VAN DER ZEL, "Ceramic-fused-to-metal Restorations with a New CAD/CAM System," <i>Quintessence International</i> , vol. 24(11) (1993), pp. 769-778.	
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